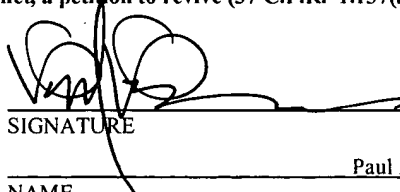


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 14219-078US1/P2002,0698 US N U.S. APPLICATION NO. 10/523872 (known, see 37 C.F.R. 1.5)
INTERNATIONAL APPLICATION NO. PCT/EP03/06597	INTERNATIONAL FILING DATE 23 June 2003	PRIORITY DATE CLAIMED 27 August 2002
TITLE OF INVENTION RESONATOR AND COMPONENT WITH HERMETIC ENCAPSULATION		
APPLICANT(S) FOR DO/EO/US Ralph Stoemmer and Habbo Heinze		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. § 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. § 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. § 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. § 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. § 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. § 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. § 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. § 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Search Report; Form PCT/IB/306 		
CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. EV 411823573 US Date of Deposit: February 7, 2005		

U.S. APPLICATION NO. 10/523874 <small>(If known, see 37 C.F.R. 1.51)</small>		INTERNATIONAL APPLICATION NO. PCT/EP03/06597		ATTORNEY'S DOCKET NUMBER 14219-078US1									
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300 <input checked="" type="checkbox"/> b) Examination fee \$200 <input checked="" type="checkbox"/> c) Search fee \$500 TOTAL OF ABOVE CALCULATIONS =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE										
-100 =	/50=		X \$250										
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
Total Claims	20 - 20 =		x \$50										
Independent Claims	2 - 3 =		x \$200										
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360										
TOTAL OF ABOVE CALCULATIONS =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by 1/2.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
SUBTOTAL =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f))				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
TOTAL NATIONAL FEE =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
TOTAL FEES ENCLOSED =				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td><td style="width: 50px;"></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>									
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>				Amount to be refunded: \$									
				Amount to be charged: \$									
a. <input checked="" type="checkbox"/> A check in the amount of \$1,040.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.													
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.													
SEND ALL CORRESPONDENCE TO:													
PTO Customer No: 26161				<div style="text-align: center;">  SIGNATURE </div>									
Paul A. Pysher				NAME									
40.780				REGISTRATION NUMBER									